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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
|-----------------|-------------|----------------------|---------------------|
| 09/372,474 | 08/11/99 | BAIRD | E 238/168 |

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HM22/1213

EXAMINER

MARSCHEL, A

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 1601 | 3 |

DATE MAILED:

12/13/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

| | | |
|------------------------------|--------------------------------------|-------------------------------------|
| Office Action Summary | Application No. 09/372,474 | Applicant(s) Baird et al. |
| | Examiner Ardin Marschel | Group Art Unit 1631 |

Responsive to communication(s) filed on _____

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle* 1035 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 1 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

Claim(s) 1-48 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) _____ is/are rejected.

Claim(s) _____ is/are objected to.

Claims 1-48 are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

Restriction to one of the following inventions is required under 35 U.S.C. § 121:

I. Claims 1-5, 38, and 41-48; drawn to methods for designing and/or synthesizing specific polyamides having a hairpin turn amino acid therein and polyamides made thereby, classified in Class 700, subclass 98; and Class 530, subclasses 300 and 333.

II. Claims 6-12 and 39; drawn to methods for designing and/or synthesizing specific polamides and polyamides made thereby, classified in Class 700, subclass 98; and Class 530, subclasses 300 and 333.

III. Claim 13, drawn to a set of formulas for polyamide description/design, classified in Class 530, subclass 300. If this Group is elected, then a specie election is also required of one of the species of Tables 4-19.

IV. Claim 14, drawn to a set of formulas for polyamide description/design, classified in Class 530, subclass 300. If this Group is elected, then a specie election is also required of one of the species of Tables 20-83.

V. Claim 15, drawn to a set of formulas for polyamide description/design, classified in Class 530, subclass 300. If this Group is elected, then a specie election is also required of one of the species of Tables 84-179.

VI. Claims 16-26 and 40 drawn to methods for designing and/or synthesizing specific polamides and polyamides made

thereby, classified in Class 700, subclass 98; and Class 530, subclasses 300 and 333.

VII. Claims 27-37, drawn to methods for designing and/or synthesizing specific polamides and polyamides made thereby classified in Class 700, subclass 98; and Class 530, subclasses 300 and 333.

Applicants are required under 35 U.S.C. § 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable.

Applicant is advised that a response to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 C.F.R. § 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. M.P.E.P. § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. § 103 of the other invention.

The inventions are distinct, each from the other because of the following reasons:

The inventions of Groups I-VI as well as the species within

Groups III-V are independent inventions because they are each directed to polyamide practices for the binding of different targets, given in the specification on page 1 in the Field of the Invention section as the minor groove of double stranded DNA. Such different targets include completely different genes, gene segments, control sequences, etc. and thus define independent binding reaction practice. A search for each of these polyamide embodiments thus includes a search for independent genes etc. which are most commonly separately published in the Biochemical literature, thus documenting the undue search burden if these are searched together.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the response to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR § 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 C.F.R. § 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a diligently-filed petition

under 37 C.F.R. § 1.48(b) and by the fee required under 37 C.F.R. § 1.17(h).

Papers related to this application may be submitted to Technical Center 1600 by facsimile transmission. Papers should be faxed to Technical Center 1600 via the PTO Fax Center located in Crystal Mall 1. The faxing of such papers must conform with the notices published in the Official Gazette, 1096 OG 30 (November 15, 1988), 1156 OG 61 (November 16, 1993), and 1157 OG 94 (December 28, 1993) (See 37 CFR § 1.6(d)). The CM1 Fax Center number is either (703)308-4242 or (703)305-3014.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ardin Marschel, Ph.D., whose telephone number is (703)308-3894. The examiner can normally be reached on Monday-Friday from 8 A.M. to 4 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Woodward, can be reached on (703)308-4028.

Any inquiry of a general nature or relating to the status of this application should be directed to Patent Analyst, Tina Plunkett, whose telephone number is (703)305-3524 or to the Technical Center receptionist whose telephone number is (703) 308-0196.

December 8, 2000

Ardin H. Marschel
ARDIN H. MARSCHEL
PRIMARY EXAMINER